

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|-------------------|------------------|---------|---------------------|
| L1 | 10161 | (has\$3) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L2 | 2130 | (first original\$1) near2 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L3 | 8080 | (has\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L4 | 1720 | (compar\$5 verif\$8 match\$3) near4 (L3 L2) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L5 | 36823 | (sign\$1 signature \$1 signing) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L6 | 10597 | digital\$2 near3 (sign\$1 signature \$1 signing) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L7 | 2842 | (sign\$1 signature \$1 signing) near7 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L8 | 2022 | L6 and L7 and L5 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L9 | 1610 | L8 and L3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L10 | 3147 | (sign\$2 signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L11 | 1591 | (second subsequent signed) near2 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L12 | 1184 | (compar\$5 verif\$8 match\$3) near4 (L11 L10) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|--------|--|-------------------|----|-----|---------------------|
| L13 | 786 | L4 and L12 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L14 | 954 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L15 | 1776 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (hash \$3) near4 (material \$1 message\$1 content\$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L16 | 375 | L15 and L14 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L17 | 8041 | (hash\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L18 | 1739 | (compar\$5 verif\$8 match\$3) near4 (L17 L2) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L19 | 32113 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L20 | 205214 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L21 | 80 | L16 and L20 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|-------|--|-------------------|----|-----|---------------------|
| L22 | 48063 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L23 | 1690 | L17 and L18 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L24 | 772 | L12 and L23 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L25 | 129 | L16 and L24 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L26 | 21 | L25 and L22 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L27 | 59 | L21 not L26 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L28 | 2252 | (sign\$1 signature \$1 signing) with (material\$1 message\$1 content \$1 information\$1 data) with hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L29 | 10514 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L30 | 1422 | L29 and L17 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L31 | 467 | L30 and L28 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|------|---|-------------------|----|-----|---------------------|
| L32 | 195 | L31 and L18 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L33 | 125 | L32 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L34 | 5067 | (compar\$5 verif\$8 match\$3) near4 L19 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L35 | 2242 | L6 and L3 and L19 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L36 | 1271 | L6 near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L37 | 885 | L6 and L3 and L36 and L19 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L38 | 249 | (compar\$5 verif\$8 match\$3) near4 L36 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L39 | 2758 | (signed signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L40 | 951 | (compar\$5 verif\$8 match\$3) near4 L10 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L41 | 1633 | L35 and L10 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L42 | 150 | L38 and L34 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L43 | 67 | L42 and L8 and L11 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L44 | 136 | L14 with L18 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L45 | 2268 | L10 and L17 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L46 | 133 | L44 and L45 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L47 | 74 | L46 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|------|--|-------------------|----|-----|---------------------|
| L48 | 320 | (compar\$5 verif\$8 match\$3) near4 (message near digest\$1) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L49 | 126 | L48 and L28 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L50 | 65 | L49 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L51 | 39 | L17 with L20 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L52 | 143 | hash\$3 with L20 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L53 | 794 | L19 near8 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L54 | 22 | L52 and L53 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L55 | 1103 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L56 | 876 | (verif\$9 compar\$5 match\$3) near5 (sign\$1 signature \$1 signing) near5 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L57 | 388 | L55 and L56 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L58 | 269 | L57 and (hash\$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L59 | 107 | L58 and (mobile\$1 laptop\$1 pda cellphone cellular \$1 wireless\$2) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|-------|---|-------------------|----|-----|---------------------|
| L60 | 2337 | L39 and L19 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L61 | 381 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 (hash \$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L62 | 363 | L60 and L61 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L63 | 358 | (verif\$9 compar\$5 match\$3) near5 ((sign\$1 signature \$1 signing) adj4 hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L64 | 123 | L62 and L63 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L65 | 85 | L64 not L59 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L66 | 32113 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L67 | 2758 | (signed signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L68 | 2337 | L67 and L66 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L69 | 381 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 (hash \$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L70 | 363 | L68 and L69 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L71 | 358 | (verif\$9 compar\$5 match\$3) near5 ((sign\$1 signature \$1 signing) adj4 hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|-------|--|-------------------|----|-----|---------------------|
| L72 | 123 | L70 and L71 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L73 | 8041 | (hash\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L74 | 10161 | (has\$3) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L75 | 1591 | (second subsequent signed) near2 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L76 | 2130 | (first original\$1) near2 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L77 | 1776 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (hash \$3) near4 (material \$1 message\$1 content\$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L78 | 954 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L79 | 375 | L77 and L78 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L80 | 3147 | (sign\$2 signature \$1 signing) near5 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L81 | 1184 | (compar\$5 verif\$8 match\$3) near4 (L75 L80) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L82 | 1739 | (compar\$5 verif\$8 match\$3) near4 (L73 L76) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L83 | 1690 | L73 and L82 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|-----|-------|---|-------------------|----|-----|---------------------|
| L84 | 772 | L81 and L83 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L85 | 129 | L79 and L84 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L86 | 48063 | (transfer\$3 transmit\$4 send\$3 sent receive\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L87 | 21 | L85 and L86 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L88 | 2252 | (sign\$1 signature \$1 signing) with (material\$1 message\$1 content \$1 information\$1 data) with hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L89 | 320 | (compar\$5 verif\$8 match\$3) near4 (message near digest\$1) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L90 | 126 | L89 and L88 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L91 | 65 | L90 and (mobile\$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L92 | 8080 | (has\$3) near4 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L93 | 1720 | (compar\$5 verif\$8 match\$3) near4 (L92 L76) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L94 | 5067 | (compar\$5 verif\$8 match\$3) near4 L66 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|------|-------|---|-------------------|----|-----|---------------------|
| L95 | 2842 | (sign\$1 signature \$1 signing) near7 (hash\$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L96 | 10597 | digital\$2 near3 (sign\$1 signature \$1 signing) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L97 | 36823 | (sign\$1 signature \$1 signing) near7 (material\$1 message\$1 content \$1 information\$1 data) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L98 | 2022 | L96 and L95 and L97 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L99 | 1271 | L96 near5 (hash \$3) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L100 | 249 | (compar\$5 verif\$8 match\$3) near4 L99 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L101 | 150 | L100 and L94 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L102 | 67 | L101 and L98 and L75 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L103 | 136 | L78 with L82 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L104 | 2242 | L96 and L92 and L66 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L105 | 1633 | L104 and L80 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L106 | 2268 | L80 and L73 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L107 | 133 | L103 and L106 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L108 | 74 | L107 and (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|------|--------|--|-------------------|----|-----|---------------------|
| L109 | 205214 | (transfer\$3 transmit\$4 send\$3 sent receiv\$3 submit\$3 obtain \$3) near4 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L110 | 39 | L73 with L109 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L111 | 143 | hash\$3 with L109 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L112 | 885 | L96 and L92 and L99 and L66 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L113 | 1610 | L98 and L92 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L114 | 951 | (compar\$5 verif\$8 match\$3) near4 L80 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L115 | 794 | L66 near8 (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L116 | 22 | L111 and L115 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L117 | 10514 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|------|------|---|-------------------|----|-----|---------------------|
| L118 | 1422 | L117 and L73 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L119 | 467 | L118 and L88 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L120 | 195 | L119 and L82 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L121 | 80 | L79 and L109 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L122 | 786 | L93 and L81 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L123 | 59 | L121 not L87 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L124 | 125 | L120 and (mobile \$2 pda\$2 laptop\$2 notebook\$2 handheld\$2 smartcard\$2 (smart near card \$1) cell\$6) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L125 | 1103 | (sign\$1 signature \$1 signing) near5 (material\$1 message\$1 content \$1 document\$1 file \$1 information\$1 data) near4 hash \$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L126 | 876 | (verif\$9 compar\$5 match\$3) near5 (sign\$1 signature \$1 signing) near5 hash\$3 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L127 | 388 | L125 and L126 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L128 | 269 | L127 and (hash\$7 near3 (value\$1 code\$1)) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L129 | 107 | L128 and (mobile \$1 laptop\$1 pda cellphone cellular \$1 wireless\$2) | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L130 | 85 | L72 not L129 | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |

| | | | | | | |
|------|-------|--|-------------------|----|-----|---------------------|
| L131 | 13888 | ((726/3) or (726/4) or (726/5) or (726/26) or (726/30) or (713/168) or (713/170) or (713/172) or (713/175-176) or (713/180-181) or (713/185) or (713/189) or (713/193) or (380/168) or (380/247) or (380/54) or (380/270) or (380/271) or (711/216) or (705/57) or (705/58) or (705/59) or (705/76) or (705/41) or (382/100) or (382/232)).CCLS. | USPAT; IBM_TDB | OR | OFF | 2009/06/04 17:16 |
| L132 | 32 | ((hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (sign\$1 signing signed signature\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |

| | | | | | | |
|------|-----|---|-------------------|----|----|---------------------|
| L133 | 3 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (id\$1 identifier \$1 identity identities identification\$1) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L134 | 67 | (compute\$1 computing\$1 computation\$1 generate\$4 calculat \$4 determin\$5) near9 (hash\$3 sha \$1 digest\$1 (one- way near2 function \$1) (one near way near2 function\$1)) near9 ((payment \$1 vending\$1 dvd \$1 cd\$2 soda\$1 merchandise\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L135 | 255 | (receive\$3 transfer \$4 transmit\$4 transmission\$1 deliver\$5 send\$3 sent) near9 (hash \$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 (mobile\$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |

| | | | | | | |
|------|------|--|-------------------|----|----|---------------------|
| | | wireless\$1) | | | | |
| L136 | 4495 | L131 and (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L137 | 212 | (sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with (mobile\$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless\$1) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L138 | 134 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) near9 ((payment \$1 vending\$1 dvd \$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L139 | 121 | L136 and L137 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L140 | 43 | L135 and L139 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L141 | 0 | L138 and L140 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L142 | 5 | L138 and L137 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |

| | | | | | | |
|------|------|--|-------------------|----|----|---------------------|
| L143 | 157 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L144 | 5 | L143 and L137 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L145 | 4101 | (sign\$1 signing signed signature \$1) with (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L146 | 157 | (hash\$3 sha\$1 digest\$1 (one-way near2 function\$1) (one near way near2 function\$1)) with ((payment\$1 vending\$1 dvd\$1 cd\$2 soda\$1 merchandis\$3 sale \$1) near4 (machine\$1 device \$1 computer\$1 node\$1 system\$1 apparatus\$2)) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L147 | 8579 | (sign\$1 signing signed signature \$1) with (mobile \$1 pda laptop smartcard smart-card (smart near2 card\$1) card cellular (cell near2 phone\$1) wireless \$1) | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L148 | 14 | L145 and L146 and L147 | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |

| | | | | | | |
|------|---|---|-------------------|----|----|---------------------|
| L149 | 5 | VATANEN near3 HARRI | USPAT; IBM_TDB | OR | ON | 2009/06/04 17:16 |
| L150 | 5 | (hash\$3 and code \$1 and sign\$6 and (id identi\$9) and mobile and payment\$1).clm. | US-PGPUB | OR | ON | 2009/06/04 17:16 |
| L151 | 2 | (hash\$3 and code \$1 and signature \$1 and (id identi \$9) and mobile and payment\$1). clm. | US-PGPUB | OR | ON | 2009/06/04 17:16 |

6/ 4/ 09 5:30:45 PM**C:\ Documents and Settings\ LHa\ My Documents\ EAST\ Workspaces\ 09868387.wsp**